







PanDA/LSST integration update

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Current status: Grid

- 3 out of 4 of the Grid resources were up (Lancaster was down during the test: power outage)
- LSST jobs were able receive more slots in GridPP and OSG slots for 360 simultaneous running jobs, with Lancaster expected ~450-500 slots for 24 hours, slots number increased ~25/per hour
- Randomly picked 10 catalogs x 9 sensors x 4 rafts, running with "-t 4":
 - 73% finished successfully
 - 25% finished, but failed to write (all at BNL, bug in pilot, now fixed)
 - 1% failed (seem to be too long, it was killed after 01:02:40:20 of execution, investigating the problem)
 - 1% was resubmitted (investigating, seems that PanDA server did not receive the heartbeat)
- jobs duration out of finished:
 - below 3-10 hours ~40%
 - 10-26 hours ~60%

Other news & next steps

- There will be more resources and sites in GridPP (thanks to presentation by Alessandra Forti)
- Will try to run Data Management software, will need help and advices about it
 - mounted it in my personal virtual machine
 - /cvmfs/<u>lsst.in2p3.fr</u> not mounted neither in OSG nor in GridPP

Current status: Titan

- DMTCP:
 - manage to make checkpoint with PhoSim
 - working on restore from existing checkpoint

Documentation on job submission

a draft of a document ready

• still placed in my Evernote, ideas where to post it to?

Grid operations manual for LSST team

How to receive a certificate

You should contact your confication authority (CA), for example: <a href="https://www.naf.bei.gov/does/how/ciritios/conficases/houses/houses/hous

You will recovery part certificate in pild format. Double click could be add it to System Keychen (VacCAGalar), or import it to browner Settings-s Advenced-s Prescy and security-s Varinge certificates. (New Yorks)

Save £12 file to some location. Fur the following commands:

epenasi picaliz -cicorta -oskeya -in *wserCertificate>.piz -ost wascert.com
uponasi punaz -oscerta -in susurCertificate>.piz -ost wascerty.pen

(enter the pareach) for your user key state of globus of loom rigidous chinos 600 rigidous/usekay.zem chinos 644 rigidous/usekay.zem

How to apply for LSST VO memership and roles

Upon partitizate not involved and importing it into systems between open the indicating link in your provisor. https://www.had.gov/8665/com/set/com/se

In case of specific roses needed please go to 300st/yors.78.30/09444/yors/severing action and leteral the roses needed.

How to create a proxy

If you are using some prepared host at BNI, which has all of the certificates, just not the following command in the command line:

vorreproxychit matu 24.00

Eyou are using your own PC with

- Linux
- check that vome-proxy-info tool is present, otherwise install nome-clients-copyx86 64 and fetch-orl packages
- MacOs:
 - . shock that warms pray info tool is present, otherwise install aggs and forch of packages